

SEQUENCE LISTING

<110> KUBO, Tomoaki et al.

<120> METHOD FOR SCREENING GENOMIC DNA FRAGMENTS

<130> 0230-0238PUS1

<140> US 10/576,693

<141> 2006-04-21

<150> PCT/JP04/15743

<151> 2004-10-22

<160> 162

<210> 1

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A029B04 F: one terminus of DNA fragment A029B04.

<400> 1

tcgaatttga	ccatgagata	cagatatgaa	tcggtagaat	cattataagc	atgattactg	60
attcttaaaa	agatgttgac	aaatccagat	tcccaattcc	tcgcaggcct	aatttaattt	120
tcccccatgg	cacagggcca	gcgaggtcga	tcaatcacta	tgggagccat	actattgtag	180
aagttctcaa	tgagatattt	gcaagcaatg	tggcagaact	ctctgtgcag	atagtgaagg	240
tagctctgcc	atgtacacag	gagtgaagtg	atgaaccagc	accctgtgtt	tttaacaact	300
agataaggtg	tttggcttct	attgtagagc	tgcattggcat	atatatatatt	agtagaagta	360
aacatgcagt	acattttcag	tacacaagca	tttttttctt			400

<210> 2

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A029B04 R: the other terminus of DNA fragment A029B04 to A029B04 F.

<400> 2

tcgagcta	taactagcca	agtgtagggt	tgggagacat	ctggatatca	cttctgacgt	60
tttcttatgt	gtaaactact	gagatttggt	atggcagttt	ctgtggcact	tgcaacaagga	120
ccagttttat	tcctccttga	actgtaatta	accacctttt	tcaccgacct	tccttttcgag	180
tagctagaga	catttctaca	tgctcgaatt	aatttagtta	tgctaggaac	tgcatcccta	240
tttttgagtt	acagaagttg	ctagctactc	tgttcttagt	ttctcacgga	gtgcagctag	300
ctagcttcga	taaacagctc	aaaaaacaga	aatttagtcc	tggcaaattg	atgtgccaaa	360
cttaatgcat	gagaatatgt	tttttttctt	catgttactt			400

<210> 3

<211> 300

<212> DNA

<213> Oryza rufipogon

<220>

<223> A028C04 F: one terminus of DNA fragment A028C04.

<400> 3

tcgattaaga	cagcaggacg	gtgggtcatgg	aagtcgaaat	ccgctaagga	gtgtgtaaca	60
actcacctgc	cgaatcaact	agccccgaaa	atggatggcg	ctgaagcgcg	cgacccacac	120
caggccatct	gggcgagcgc	catgccccga	tgagttaggag	ggcgcgccgg	ccgccgcaaa	180
acccggggcg	cgagcccggg	cggagcggcc	gtcgggtgcag	atcttggtgg	tagtagcaaa	240

tattcaaaat agaactttga aggccgaaga ggagaaaggt tccatgtgaa cggcacttgc 300

<210> 4
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A028C04 R: the other terminus of DNA fragment A028C04 to A028C04 F.

<400> 4
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 gggctccagc tatcctgagg gaaacttcgg aggggaaccag ctactagatg gttcgattag 120
 tctttcgccc ctatacccaa gtcagacgaa cgatttgcac gtcagtatcg cttcgagcct 180
 ccaccagagt ttcctctggc ttcgccccgc tcaggcatag ttcaccatct ttcgggtccc 240
 gacaggcgtg ctccaactcg aacccttcac agaagatcag ggtcggccag cggcgccg 300
 cgtgagggcc tcccgcctcg cagcttcctt gcgcattcca gggttcagaa cccgtcgact 360
 cgcacgcatg tcagactcct tgggccgtgt ttcaagacgg 400

<210> 5
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A048F12 F: one terminus of DNA fragment A048F12.

<400> 5
 tcgatgtagt cctcctcgag gccgaggctg acagagatgg cgccgagaag ccggagcccc 60
 agttgccgga cttctcggca gtacgtgctc ataactctctc tgcatgccag gaaaaagtgc 120
 aacggaaaat taagcgtcca cgcccttaatt ttggcgtttt actgaaacta gttgctgtcc 180
 tggacttcag ctagcttgat ttactccag cacattggat tttggaatta acagacgaag 240
 taggagaccg atgaagaatc ggtccccctc tttttgcgag gtcaaggggtg cggtttacct 300
 tttccacgat ttgtctcgag taaaaatctc gcaagttcat gcatgtctct ggtaggggtga 360
 ttagtcttct acgtgattga actgtattgc tcggttgtgt 400

<210> 6
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A048F12 R: the other terminus of DNA fragment A048F12 to A048F12 F.

<400> 6
 tcgagtggctc ggcgtccccc ggccgggctc catacggctg gccacgggcg acggcactga 60
 gctgcctaac ccgtggaaca tcgaacacct tcgtcgcttc tacccttgag gggggggctc 120
 ggtgtcaggt ttcgggctcg ggccaacccc gcacccccctc gggcgtgcag ggttggccgg 180
 gggctgccac acatgcacat tcttatttct cttattttcag tatttcaata aaagcagttt 240
 caatttccta aaggctgtat ctgtgctgtt gtttcttttg aagaatcttg acttgaaata 300
 ggtcactcgt gctcaatcct gccctcgggg gctcgggtcg gctaaaaatcg ccaaacgggg 360
 cccagaaccg agccgtgccc cggggcatgg tgaactccgg 400

<210> 7
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A049A01 F: one terminus of DNA fragment A049A01.

<400> 7
 tcgaactaac gctaacaacg tgcagaaaat ctccctgcat ctcgtgatgg ttcattggat 60

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cgtagtgggc	tccaataagt	ggggcttcca	ggcccatctt	gctggggccc	aatagtaccg	120
aaaacgaaag	tagcaccaag	cttccatgca	cgacgacaga	aacgagcgat	gacattgttg	180
tttctttggg	aagaaggaca	acacaaccga	tccgttagct	tgtccatttc	gaccctaagt	240
ggtgcaaaat	gattggagaa	ttagtcacca	aaataaataa	ttgtactagt	tctaagttct	300
gataacacaa	ctagtgacca	accatgacta	gttcttttaga	gatgggtttc	agattttcag	360
tacagagccg	acgcaagttc	agtgttcaga	tgcgccaaat			400

<210> 8
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A049A01 R: the other terminus of DNA fragment A049A01 to A049A01 F.

<400> 8	
tcgagtgcc	60
taaaattcttg	120
caccgctctt	180
ttttatctta	240
ttctatatat	300
gaatcaaccc	360
tatggagcat	400

<210> 9
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A046A06 F: one terminus of DNA fragment A046A06.

<400> 9	
tcgaactacc	60
tacaaacttt	120
gcgaataaaa	180
ttagcctcta	240
catagctcat	300
cggtttttta	360
gcaccatata	400

<210> 10
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A046A06 R: the other terminus of DNA fragment A046A06 to A046A06 F.

<400> 10	
tcgaacttgt	60
caggaccact	120
cgctttatcc	180
acgttgtgag	240
gaaattaaaa	300
gtccagtgtc	360
aatcagcta	400

<210> 11
 <211> 400
 <212> DNA
 <213> Oryza rufipogon

<220>

<223> A045B09 F: one terminus of DNA fragment A045B09.

<400> 11

tcgacgacga	cgcggcgaag	ccgaaggagg	cggcaccgag	aggggaggaa	gtccggagcg	60
acggcggcgg	cgaaccggag	ctcgtcggcg	acggcggaga	gagagggaaga	cgacgcgagc	120
gcgattccga	cggtagagagc	gagcggcgaa	cggcggaaaac	ggaggagaga	ggcgcgaggg	180
acgcttaaat	agcgacggga	gggggagaga	gcggccggag	agggagaaat	cggccgcgga	240
aatctcggcc	gccattgatt	gcgccggcga	ggaatgcggg	agagaatccg	gacgcatccg	300
agggagagag	agagggggga	aagcggggga	aacgggagag	ggaatcgcg	ggaatgattc	360
ccccttcatt	atggcgcgcg	gggacggcgg	gatgcggcgg			400

<210> 12

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A045B09 R: the other terminus of DNA fragment A045B09 to A045B09 F.

<400> 12

tcgaggatgc	ctgtggagtg	gtgttcccg	tgcagttcaa	gtcaaggctt	agctccagtt	60
ttcttttgtt	ttccgctgca	tttctgtaag	acttttatga	tgtttgtaag	acgtggatct	120
gaatgtcaac	atagtcgttt	gtgtaccccg	gccggtcctg	gacgggggtt	ttaatgcaca	180
ttctgcttgg	aatcctattc	gggaatttct	gggcgtgaca	gcggctgaca	gccgggcccc	240
acgcggcagc	cgctcggtgc	gcccgaaggc	ggccacggcg	gcgcggccgg	cgggaggcgg	300
ctcgcgcccg	cccctatggg	cgccggcgcc	ggccataggc	acgtcggagc	agcgcgccag	360
agaggggagg	gaaaggggga	aacgaagcgg	cggtccacgg			400

<210> 13

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A049A07 F: one terminus of DNA fragment A049A07.

<400> 13

tcgagcagtc	cgccggcagc	cgacgggttc	ggggccggga	cccccgagcc	cagccctcag	60
agccaatcct	tttcccgaag	ttacggatcc	gttttgccga	cttcccttgc	ctacattgtt	120
ccattggcca	gaggctgttc	accttggaga	cctgatgcgg	ttatgagtac	gaccgggctt	180
ggacgggtact	cggtcctccg	gattttcaag	ggccggccgg	ggcgcaccgg	acaccgcgcg	240
acgtgcggtg	ctcttccggc	cgctggaccc	tacctccggc	tgaaccgttt	ccagggttgg	300
cgggccgtta	agcagaaaag	ataactcttc	ccgaggcccc	cgccggcgctc	tccggacttc	360
ctaacgtcgc	cgtcaaccgc	cacgtcccgg	ctcgggaaat			400

<210> 14

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A049A07 R: the other terminus of DNA fragment A049A07 to A049A07 F.

<400> 14

tcgaaccatc	tagtagctgg	ttccctccga	agtttccctc	aggatagctg	gagcccatta	60
cgagttctat	cgggtaaagc	caatgattag	aggcatcggg	ggcgcaacgc	cctcgaccta	120
ttctcaaact	ttaaataagg	aggacggcgc	ggctgctccg	gtgagccgcg	ccacggaatc	180
gggagctcca	agtgggcat	ttttggtaag	cagaactggc	gatgcgggat	gaaccggaag	240
cctggttacg	gtgccgaact	gcgcgctaac	ctagaacca	caaagggtgt	tggtcgatta	300

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agacagcagg acggtggtca tggaagtcga aatccgctaa ggagtgtgta acaactcacc 360
tgccgaatca actagccccg aaaatggatg gcgctgaagc 400

<210> 15
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A040D06 F: one terminus of DNA fragment A040D06.

<400> 15
tcgacggggtt ctgaaacctg ggatgcgcaa ggaagctgac gagcgggagg ccctcacggg 60
ccgcaccgct ggccgaccct gatcttctgt gaagggttcg agttggagca cgcctgtcgg 120
gacccgaaag atggtgaact atgcctgagc ggggcgaagc cagaggaaac tctggtggag 180
gctcgaagcg atactgacgt gcaaatcggt cgtctgactt gggatatagg gcgaaagact 240
aatcgaacca tctagtagct ggttccctcc gaagtttccc tcaggatagc tggagcccat 300
tacgagttct atcgggtaaa gccaatgatt agaggcatcg ggggcgcaac gccctcgacc 360
tattctcaaa ctttaaatag gtaggacggc gcggctgctc 400

<210> 16
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A040D06 R: the other terminus of DNA fragment
A040D06 to A040D06 F.

<400> 16
tcgagccccc aacttttcgtt cttgattaat gaaaacatcc ttggcaaattg ctttcgcagt 60
tgttcgtctt tcataaatcc aagaatttca cctctgacta tgaaatacga atgccccga 120
ctgtcccctat taatcattac tccgatcccc aaggccaaca caataggacc ggaatcctat 180
gatgttatcc catgctaattg tatccagagc gatggcttgc tttgagcact ctaatttctt 240
caaagtaacg gcgccggagg cagcaccgag ccagttaagg ccaggagcgc atcgccggca 300
gaagggtcga gcaggtcggg gctcgccgtg aggcggaccg gccggcccgg cccaaggtcc 360
aactacgagc tttttaactg caacaactta aatatacgct 400

<210> 17
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A036A03 F: one terminus of DNA fragment A036A03.

<400> 17
tcgaaaatga ccgtcaacaa aaccccccaa gcttgaacct ttgctcatcc cgagtgaagg 60
acgaaaggaa acaaagactt ggatgttgat cagaagttgc tactatgctg catatctcaa 120
agatacaggt gcaaggcata tgtactctct cttagattaa ataatctttg gcatggtggc 180
ttatccttac ccctgattct catgagacac tacttctcct tgccttgggc ggttgaaaga 240
cagaacaaca attagagcac caatcacccg atctttattc aattcttatt ctggaagttt 300
ttcaaattgat tttgcaaaga aaaccaagtt cctcaaatga ttcactcagt ctctctaagt 360
gtatcatttc gaattcctca ccaaatgatg cctttttgat 400

<210> 18
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A036A03 R: the other terminus of DNA fragment
A036A03 to A036A03 F.

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<400> 18
tcgatgcatt gagcagaaaag gaatattgta atcaagcaat tatccaagga tgcccacatg      60
aactgcaaaa ggaaatacaa caattaagat tggagtttac agaaccggga cttttggcaa      120
ctctagaggt aaaaccaaca cttctagatc aagtctgtga tgctcagaag gaagatgaag      180
aattagaaga aatttgacac ggagttcaaa aaagaattga aatggatttt acggaaaaaca      240
atgatggagc tcttagattt aaaggacgtc tttgcatccc agacaggaaa gaaatcaagg      300
atttaatttt gcaagaagcc catcgctcac tcttttctat ccatcctgga agcaccaaga      360
tgtatcatga cctaaaagat actttttggt ggaagaatat                                400

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<210> 19
<211> 400
<212> DNA
<213> Oryza rufipogon

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<220>
<223> A051E08 F: one terminus of DNA fragment A051E08.

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<400> 19
tcgatgaaga acgtagcgaa atgcgatacc tgggtgtgaat tgcagaatcc cgtgaaccat      60
cgagtccttt aacgcaagtt gcgcccagg ccatccggcc gagggcacgc ctgcctgggc      120
gtcacgccaa aagacgctcc acgcgcccc cctatccggg agggcgcggg gacgcggtgt      180
ctggcccccc gcgcctcgcg gcgcggtggg ccgaagctcg ggctgccggc gaagcgtgcc      240
gggcacagcg catggtggac agctcacgct ggctctaggc cgcagtgcac cccggcgcgc      300
ggccggcgcg atggcccctc aggacccaaa cgcaccgaga gcgaacgcct cggaccgcga      360
ccccagggtca ggcgggacta cccgctgagt ttaagcatat                                400

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<210> 20
<211> 400
<212> DNA
<213> Oryza rufipogon

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<220>
<223> A051E08 R: the other terminus of DNA fragment
A051E08 to A051E08 F.

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<400> 20
tcgatgcbag agccgagata tccgttgccg agagtcgtgt ggatttagct cgtgggtatcg      60
cgccgcgccc ccggacggcc agggccgacc gggccggcgc ggggcgtatc gctgtgttcc      120
ttgacgcccgt cggcgccgtg ggttctgttg cggcccgggg gcctcggttg cctcgcgcgc      180
gagcgtctcg cgggcagggg tgacgcgttc gcggtctgtt ttgggtcaggg tcacgacaat      240
gatccttccg caggttcacc tacggaaacc ttgttacgac ttctccttcc tctaaatgat      300
aaggttcaat ggacttctcg cgacgtcggg ggccggcgaac cgcccccgtc gccgcgatcc      360
gaacacttca ccggaccatt caatcggtag gagcgacggg                                400

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<210> 21
<211> 300
<212> DNA
<213> Oryza rufipogon

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<220>
<223> A023D09 F: one terminus of DNA fragment A023D09.

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<400> 21
tcgacgccat actgatgagc aatgattcgt aatactacta attaatctag cagcatgata      60
cggagcatca acgttaagta agatgagcag catccatcaa gaagaaggaa gcgtctcctc      120
cactgccgag tgacaccacg ctctgttcct gtaccactat cgctacttaa tgcctaattcc      180
tcctcctgtc gtacaagtac cacgaaacag aatataaaca ataaagacaa gtttttttaa      240
aaaaaaattg tctgaagatt aattaagagt tagtgagatg acgcagagaa gagcatcaac      300

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<210> 22
<211> 360
<212> DNA

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<213> Oryza rufipogon

<220>

<223> A023D09 R: the other terminus of DNA fragment
A023D09 to A023D09 F.

<400> 22

tcgaatgcc	gttaaagtga	tgccattcca	gcgaatcaac	tcttgcgatg	gtagatgtgc	60
aatTTtctca	ccagatttgg	ctgatagcca	ttagtctgct	gtactattaa	acctgctctg	120
atctagggtt	ccagccccc	accacggccg	cacagccatg	gatgagcatc	caagcagcca	180
cgcgcgagcg	tgtgtggagg	cggcccagac	tgaagcaaat	cagaaatctg	gtgatggtaa	240
tggtgaaggc	gagcacacca	aaccaaaaac	caaatcaaaa	gctcaactga	aacaaacgta	300
cgaatcatcc	atccatcgcg	cggtggtggc	tcagatctca	gcgtgggctc	ggcgcgagtag	360

<210> 23

<211> 300

<212> DNA

<213> Oryza rufipogon

<220>

<223> A030B02 F: one terminus of DNA fragment A030B02.

<400> 23

tcgaagcttc	acagttgata	acttgacatg	gtcatcagca	ctatacatgt	catgttggga	60
gttagcagcc	ttcaactagt	accttattag	gtgcctgaat	aatcgaggtg	gtataattca	120
ttcagacatg	tgcccgttaa	aacttctagg	gaaacttaaa	ttatggcctt	tacattaaaa	180
aaactaaaa	tattttctta	aaaaaactta	aattatggtt	cagactctac	aagaaacgcc	240
cataagtctt	tcgactagct	tcacaagggtg	gtgggctaga	caacctgggt	tcgaaacctc	300

<210> 24

<211> 280

<212> DNA

<213> Oryza rufipogon

<220>

<223> A030B02 R: the other terminus of DNA fragment
A030B02 to A030B02 F.

<400> 24

tcgaggtgaa	ctattttttt	tcttttttta	agttcgttat	tcttttcttt	actacggtaa	60
atttcagtaa	atacaaggag	tacatcaatt	tttccgaaaa	tttctatccc	aattgtcggt	120
gacatgggac	cgggagtatc	atgactagag	gcttgaggca	gacacaatcg	cccacgtggc	180
ctggcaccct	cgggggacgt	cgggcccag	ggtgatgtgt	tcgccctcct	cttagtctcc	240
ccgagggggg	cggaccactc	ccgcctcggc	cccagaggcc			280

<210> 25

<211> 400

<212> DNA

<213> Oryza rufipogon

<220>

<223> A043F04 F: one terminus of DNA fragment A043F04.

<400> 25

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ccattggcac	aattcagatg	gcagtccaca	tgctgagctt	gaagatagac	atggatacag	120
acacaagagg	gcatgctgca	cgcgatttgc	tggagctcgc	gcctgacctc	cagggtggaga	180
gcttttcttg	tatcctgcct	gcaatctcct	cactgctcag	cacaaacaag	ggggccacaa	240
acagtgaag	ctccagcaac	ccaatcactg	cagtggcgga	cgcaacttta	aaatatagat	300
gggacggaga	acggagatgt	tcactcgata	agagcaatcg	aacacaacac	atatcgtatt	360
aatagtttat	tcgtataagt	gtctcaatct	gttggatggt			400

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<210>	26
<211>	400
<212>	DNA
<213>	Oryza rufipogon

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<220>
<223> A043F04 R: the other terminus of DNA fragment
A043F04 to A043F04 E.
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ccttgacaag	agaggacaaa	attgcattgt	gcaaatccct	acatggggtg	agagtgccta		180
ctgccttctc	ctcaaacatt	aagcgactag	tgtcgatgaa	ggatctgtcg	ctttcaggct		240
acaatttctc	taactgtcat	gtaatgctca	cagtattcct	tgccattgca	actagagcag		300
tcgaaccaca	gtctgcagaa	attagacca	tatacaatcc	ttacatttat	tcgaaatgca		360
gaataacata	acatacaata	ccctaaatttt	gttcgaatca				400

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<210> 27
<211> 400
<212> DNA
<213> Oryza rufipogon
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<220>
<223> A049E02 F: one terminus of DNA fragment A049E02.
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<400>	27						
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actcacctgc	cgaatcaact	agccccgaaa	atggatggcg	ctgaagcgcg	cgaccacac		120
caggccatct	gggcgagcgc	catgccccga	tgagtaggag	ggcgcggcgg	ccgccgcaa		180
acccggggcg	cgagcccggg	cggagcggcc	gtcgggtgcag	atcttggtgg	tagtagcaa		240
tattcaaatg	agaactttga	aggccgaaga	ggagaaaagg	tccatgtgaa	cggcacttgc		300
acatgggtaa	gccgatccta	agggacgggg	taaccccggc	agagagcgcg	accacgcgcg		360
tgccccgaaa	gggaatcggg	ttaaagatttc	ccgagccggg				400

<210>	28
<211>	400
<212>	DNA
<213>	Oryza rufipogon

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<220>
<223>  A049E02 R: the other terminus of DNA fragment
        A049E02 to A049E02 F.

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<400>	28						
tcgaccgaat	cgggttttcg	gtcggtcggc	cggtggggtg	ctgcacgagc	cagcccttcc		60
caactcgcgc	acggttgccg	gtcggtcggc	ccggcgcccc	aacgtggacc	gaaccgggtg		120
ccgtgcgcgt	ggcagcccgg	ccatcccttc	ccccctacta	tagtcgtggg	ccatagccag		180
ccccacgcac	ccctagcgtc	cagcccttca	cagctcgcac	acagttttcg	gccggtcgcc		240
cggcggaccg	aacgtcgacc	gaatcgggtt	ttcggtcggt	cggccgggtg	gtggctgcac		300
gagccagccc	ttcccaactc	gcgcacgggt	cgcggtcggt	cggcccggcg	cccgaacgtg		360
gaccgaaccg	ggtgccgtgc	gcgtggcagc	ccggccattc				400

<210>	29
<211>	500
<212>	DNA
<213>	Oryza rufipogon

```
<220>
<223> A010C09 F: one terminus of DNA fragment A010C09.
```

```
<220>  
<221> misc_feature
```


<222> (35)..(35)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (484)..(484)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (488)..(488)
 <223> n is a, c, g, or t

```
<400> 29
tcgaccgaat cgggttttcg gtcggtcggc caggnnggtg gctgcacgag ccagcccttc      60
ccaactcgcg cacggttgcc ggtcggtcgg cccggcgccc gaacgtggac cgaaccgggt      120
gccgtgcgcg tggcagcccg gccatccctt cccccctact atagtctggg gccatagcca      180
gccaacgca cccctagcgt ccagcccttc acagctcgca cacagttttc ggccggtcgt      240
ccggcggacc gaacgtcgac cgaatcgggt tttcggccgg tcggtggctg cacgagccag      300
cccttcccaa ctcgcgcacg gttgccggtc ggtcggcccc gcgaccgaac gtggaccgaa      360
ccgggtgccg tgcgcgtggc agcccggcca tcccttcccc cctactatag tcgtggggcc      420
atagccagcc caacgcagcc ctagcgtgca gcccttcaca gctcgcacac agttttcgg      480
cggnccgancg gcggaccgaa                                     500
```

<210> 30
 <211> 500
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A010C09 R: the other terminus of DNA fragment
 A010C09 to A010C09 F.

```
<400> 30
tcgatgtcgg ctcttcctat cattgtgaag cagaattcac caagtgttgg attgttcacc      60
caccaatagg gaacgtgagc tgggttttaga ccgtcgtgag acaggttagt tttaccctac      120
tgatgaccgt gccgcgatag taattcaacc tagtacgaga ggaaccgttg attcacacaa      180
ttggtcatcg cgcttggttg aaaagccagt ggcgcgaagc taccgtgtgc cggattatga      240
ctgaacgcct ctaagtcaga atccaagcta gcaagcggcg cctgcgcccc ccgcccgcc      300
cgaccacgt taggggcgca agcccccaag ggcccgtgcc accggccaag ccggcccgcc      360
cgacgcgccg cggccggccg cctcgaagct cccttcccaa cgggcggcgg gctgaatcct      420
ttgcagacga cttaaatacg cgacggggca ttgtaagtgg cagagtggcc ttgctgccac      480
gatccactga gatccagccc                                     500
```

<210> 31
 <211> 500
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A011C02 F: one terminus of DNA fragment A011C02.

```
<400> 31
tcgagttagg gatttgattg aagagtcaat catttagcca tgcactcaag tttcaagtta      60
gagatttgat tgaagagtca atcaatctct aacctgtggg ttaagtagat acatgcccta      120
taaataatcga tatattttaga aatacggtaa ttaccatatt ataagaaacg gtaatttcca      180
caagaatacg gtaaatacga aaatgatcgg tacaacagca aaaccatttc cgtttctgtt      240
tccatatttt ttaccatttc catatttttt ggtcgattat catttcata tagctcggcc      300
ggttaaaaagt aaaaaacgaa cgccagtcgg ccgggaatta ccgttaccat tttcacctct      360
aagccaaacg atggtggcct tagcatccac agttcaactt ccatctcaaa gaaaaaagaa      420
aaaggattga agcttcatgc cgagtgaaac catgggatgc ttagtaaca cagacgctaa      480
agatcgcagc attacaaatt                                     500
```

<210> 32
 <211> 500
 <212> DNA
 <213> *Oryza rufipogon*

<220>
 <223> A011C02 R: the other terminus of DNA fragment
 A011C02 to A011C02 F.

<400> 32						
tcgaaggtgg	tgtcaaatta	tagccagcca	atacatgaac	aagttagaaa	actgtcaaaa	60
cccaattcat	caatagttga	gatttgatgg	tggtatatatt	tttttccttt	tttctgatta	120
tgacctttta	gggttgtaat	cttgtaattt	ttttctctgg	aactttgcac	ggttgtaaaa	180
aaaaaacagt	tgggactttt	caagaaaaaa	aaaacggccg	gagcactgtc	aaacgaactc	240
actaataggg	ctcgcaatct	tattgggctt	ttcacgaaca	aaggcccata	aaatgtagcc	300
catttaggcc	caaaactgtac	atcacccgtg	attaaacggc	ccagcccaaa	catcataaca	360
ctggataggg	tgcagacaag	ggccccaccc	gtcagatccc	gacacgtcat	cattgccgat	420
ccgcttcag	aagcagcggc	aagtttccat	ctccttcttc	cccttggcct	tttatcgctc	480
gatcaggtgg	cagcgacaac					500

<210> 33
 <211> 500
 <212> DNA
 <213> *Oryza rufipogon*

<220>
 <223> A010B03 F: one terminus of DNA fragment A010B03.

<400> 33						
tcgaacagcc	gactcagaac	tggtacggac	aaggggaatc	cgactgttta	attaaaacaa	60
agcattgcga	tggtccctcg	ggatgctgac	gcaatgtgat	ttctgcccag	tgctctgaat	120
gtcaaagtga	agaaattcaa	ccaagcgcgg	gtaaacggcg	ggagtaacta	tgactctctt	180
aaggtagcca	aatgcctcgt	catctaatta	gtgacgcgca	tgaatggatt	aacgagattc	240
ccactgtccc	tgtctactat	ccagcgaaac	cacagccaag	ggaacgggct	tggcgggaatc	300
agcggggaaa	gaagaccctg	ttgagcttga	ctctagtccg	actttgtgaa	atgacttgag	360
aggtgtagga	taagtgggag	ccctcggggc	caagtgaat	accactactt	ttaacgttat	420
tttacttatt	ccgtgagtcg	gaagcggggc	ctggcccttc	cttttggctc	taaggcccca	480
gtccctcggg	ccgatccggg					500

<210> 34
 <211> 500
 <212> DNA
 <213> *Oryza rufipogon*

<220>
 <223> A010B03 R: the other terminus of DNA fragment
 A010B03 to A010B03 F.

<400> 34						
tcgaaggatc	aaaaagcaac	gtcgctatga	acgcttggct	gccacaagcc	agttatccct	60
gtggttaact	ttctgacacc	tctagcttca	aactccgaag	gtctaaagga	tcgataggcc	120
acgctttcac	ggttcgtatt	cgtactggaa	atcagaatca	aacgagcttt	tacccttttg	180
ttccacacga	gatttctggt	ctcgttgagc	tcactcttag	acacctgcgt	tatcttttaa	240
catagtgtcc	gccccagcca	aactccccac	ctgacaatgt	cttccgccc	gatcggcccc	300
agggactcgg	gccttagagc	caaaaggagg	ggccaggccc	cgcttccgac	tcacggaata	360
agtaaaataa	gcgttaaaagt	agtgggtatt	cacttgcgcc	cgagggctcc	cacttatcct	420
acacctctca	agtcatttca	caaagtcgga	ctagagtcaa	gctcaacagg	gtcttctttc	480
cccgtgatt	ccgccaagcc					500

<210> 35
 <211> 500

<212> DNA

<213> Oryza rufipogon

<220>

<223> A009F06 F: one terminus of DNA fragment A009F06.

<400> 35

tcgagtttga	ttcggattcg	tttttccccg	aagtttcctt	ctcgccgccg	gtcgccgtgg	60
gcctccgtcg	ccgcttgcta	gcccccttat	aaggatcccc	ggtgtctcct	ctacccgccg	120
ccaccctcgc	cttcgcctct	cgccgcgcgc	agagccctag	cgccgtgcaa	ccttgccgccg	180
ccgtcgccgc	cgtcgctcca	atcgtgcgcc	gccgtcgctc	cagccgtcgc	cgtcgctcgg	240
gaagaccgtc	atcgtggctg	ccgtcgcgtc	gccgtcctcg	tccgccccctt	cgccgtcgcc	300
ggagatcgcc	ggagcgatc	cgccgcgcgc	gacccgaaga	gcttcgccgt	ttcctcctcg	360
tcgccgtcac	cgctccgttg	ctctccgccg	tcgctttggg	cgtcggtgag	ttcgccgtgc	420
cgctccgtac	ccgttggtgc	cttccgtttg	cgctctcgcg	ccgccgcccg	agccgtccgc	480
tccgccgagc	cgccgcgcgc					500

<210> 36

<211> 500

<212> DNA

<213> Oryza rufipogon

<220>

<223> A009F06 R: the other terminus of DNA fragment A009F06 to A009F06 F.

<400> 36

tcgaatagcc	gtgcccgcgg	ttatggggcg	gtctaacaat	gtctttcgtg	attagctctca	60
cccttctcac	catagtaa	gatgctataa	ttggtaataa	tttgattagc	tcctgggttg	120
gaatggaata	ttcctgggtt	ggagatagaa	ctgtgcagcc	gggatgggtg	ttcagattgg	180
ttgggcctat	acaacagggg	atgttgata	gcgttggtat	aatactgctt	aattaatatt	240
taactgtttt	aaattctcaa	atgtttgcta	aatgctgctt	ttgcaa	agccctatta	300
tgccatcctt	tggtatcctg	tgcaacttgc	tatttgctgc	gtggcttgct	gagtatgtca	360
tatactcacc	ttgcaatcat	tatttcagag	gaagagttct	tcagtgaagc	tgatgggtgtg	420
gaggattagg	tgtagccttg	gtcaagctgc	ctgtggagtg	gagccgtcta	cgctgtttat	480
tttattttcc	gctgcttaga					500

<210> 37

<211> 500

<212> DNA

<213> Oryza rufipogon

<220>

<223> A009E11 F: one terminus of DNA fragment A009E11.

<400> 37

tcgagttgga	gcacgcctgt	cgggacccga	aagatgggtg	actatgcctg	agcggggcga	60
agccagagga	aactctgggtg	gaggctcgaa	gcgatactga	cgtgcaa	gttcgtctga	120
cttggtgata	ggggcgaaag	actaatcgaa	ccatctagta	gctggttccc	tccgaagttt	180
ccctcaggat	agctggagcc	cattacgagt	tctatcgggt	aaagccaatg	attagaggca	240
tcgggggcgc	aacgcccctg	acctattctc	aaactttaaa	taggtaggac	ggcgcggtg	300
ctccggtgag	ccgcgccacg	gaatcgggag	ctccaagtgg	gccatttttg	gtaagcagaa	360
ctggcgatgc	gggatgaacc	ggaagcctgg	ttacggtgcc	gaactgcgcg	ctaaccatga	420
accacaaaag	ggtgttggtc	gattaagaca	gcaggacggt	ggtcatggaa	gtcgaaatcc	480
gctaaggagt	gtgtaacaac					500

<210> 38

<211> 500

<212> DNA

<213> Oryza rufipogon

<220>

<223> A009E11 R: the other terminus of DNA fragment

A009E11 to A009E11 F.

```

<400> 38
tcgaggcggc cggccgcggc gcgtcggccg ggccggcctt gccggtggca cgggcccttg      60
ggggccttgcg cccctaacgt gggtcggggc gggcggcggg cgcaggcgcc gcttgctagc      120
ttggattctg acttagaggc gttcagtcac aatccggcac acggtagctt cgcgccactg      180
gcttttcaac caagcgcgat gaccaattgt gtgaatcaac gggtcctctc gtactagggt      240
gaattactat cgcggcacgg tcatcagtag ggtaaaacta acctgtctca cgacggtcta      300
aaccagctc acgttcccta ttggtgggtg aacaatccaa cacttggtga attctgcttc      360
acaatgatag gaagagccga catcgaagga tcaaaaagca acgtcgctat gaacgcttgg      420
ctgccacaag ccagttatcc ctgtggtaac ttttctgaca cctctagctt caaactccga      480
aggtctaaag gatcgaatag                                     500

```

```

<210> 39
<211> 400
<212> DNA
<213> Oryza rufipogon

```

```

<220>
<223> A008B02 F: one terminus of DNA fragment A008B02.

```

```

<400> 39
tcatatatta attctctctc tctaaaaata taaaaaaaag gagtctgcgc accgagatct      60
gccataaaag gtccaagcca taacaagtga gaagctatac ggctcaattc taacataatt      120

accctaatat agctggctct ttgggggtatt tgaatatctt ccaagaattc tgggtgcattt      180
accgttattg cttctgtaaa catagtagct aaataatccc aacgtgttac ataaggtaag      240
tattgtataa tagttcggtt ttccgcgatt ttttccattc ctctgtgtaa atagcctaatt      300
atgggttcac aatcaataac atcttcacca tcgagagtaa cgatcagtcg aagaacacca      360
tgcattgatg ggtgctgagg gcccatattg actatcatga                                     400

```

```

<210> 40
<211> 400
<212> DNA
<213> Oryza rufipogon

```

```

<220>
<223> A008B02 R: the other terminus of DNA fragment
A008B02 to A008B02 F.

```

```

<400> 40
tcgaagacgc ggaatggtag tgaatagaga gaaagattct tctggttttc ttgttcctga      60
aaatatctta tctatctcct agacgccgta gagaattgag aattttcatg tctttcaatt      120
ctcgtactcg taattggaaa gttacggaag gagatccatc attttgcaat gaaaactaca      180
taaaaaactc tggacaattt cgaaatcagg ccaagcgtct taatacatat gcaaaaaaat      240
tcattattgg cccaccattg attagaagat ttaacttgta tgaatcgcta ttggtttgat      300
acgaataatg gcagttgttt cagtatgtta aggatacaga tgtatccaca attcatttag      360
agttacttaa tagcctatct cttataccat atctctatcc                                     400

```

```

<210> 41
<211> 400
<212> DNA
<213> Oryza rufipogon

```

```

<220>
<223> A083G04 F: one terminus of DNA fragment A083G04.

```

```

<400> 41
tcgatggtag gataggggcc taccatggtg gtgacgggtg acggagaatt agggttcgat      60
tccggagagg gagcctgaga aacggctacc acatccaagg aaggcagcag gcgcgcaaatt      120
tacccaatcc tgacacgggg aggtagtgtg aataaataac aataccgggc gcttttagtgt      180
ctggtaattg gaatgagtac aatctaaatc ccttaacgag gatccattgg agggcaagtc      240
tgggtgccagc agccgcggta attccagctc caatagcgtg tatttaagtt gttgcagtta      300

```

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aaaagctcgt agttggacct tgggccgggc cggccggtcc gcctcacggc gagcaccgac 360
ctgctcgacc cttctgccgg cgatgcgctc ctggccttaa 400

<210> 42
<211> 360
<212> DNA
<213> Oryza rufipogon

<220>
<223> A083G04 R: the other terminus of DNA fragment
A083G04 to A083G04 F.

<400> 42
tcgagttatc atgaatcatc ggatcagcgg gcggagcccg cgtcagcctt ttatctaata 60
aatgcgcccc tcccggaagt cggggtttgt tgcacgtatt agctctagaa ttactacggt 120
tatccgagta gcacgtacca tcaaacaaac tataactgat ttaatgagcc attcgcagtt 180
tcacagttcg aattagttca tacttgacac tgcattggctt aatctttgag acaagcatat 240
gactactggc aggatcaacc aggtagcac tcctccgcga cgagcccgcg ccgtccgacg 300
cgcgtcgccg ccgcccccg gtcgggagcg gcggacacgg cggcgcccg gcgggctgtc 360

<210> 43
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A088E02 F: one terminus of DNA fragment A088E02'.

<400> 43
tcgagcctcc accagagttt cctctggctt cgccccgctc aggcatagtt caccatcttt 60
cgggtcccca caggcgtgct ccaactcgaa cccttcacag aagatcaggg tcggccagcg 120
gtgcgcccg tgaggcgctc ccgctcgta gcttccttgc gcatcccagg ttccagaacc 180
cgtcgactcg cagcagtgct agactcctt gtccgtgttt caagacgggt cggatgggga 240
gcccgaggc cgttgacgag cagcgccccg aggggcgcgc cagaggcgcg cggtagccgg 300
ctgcgccgac gacggctgcc gggggcgcg agccccggg ctttggccgc cggcgcgggc 360
gacaacggtc cacgccccga gccgatcgcc ggaccagccc 400

<210> 44
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A088E02 R: the other terminus of DNA fragment
A088E02 to A088E02 F.

<400> 44
tccaggcgtg gaggcctgag cttaatttga ctcaacacgg ggaaacttac cagggtccaga 60
catagcaagg attgacagac tgagagctct ttcttgattc tatgggtggg ggtgcatggc 120
cgttcttagt tgggtgagcg atttgtctgg ttaattccgt taacgaacga gacctcagcc 180
tactaactag ctatgcggag ccattccctc gcagctagct tcttagaggg actatggccg 240
tttaggccac ggaagtgtga ggcaataaca ggtctgtgat gcccttagat gttctgggcc 300
gcacgcgcgc tacactgatg tattcaacga gtatatagcc ttggccgaca ggccccggga 360
atcttgggaa atttcatcgt gatggggata gatcattgca 400

<210> 45
<211> 400
<212> DNA
<213> Oryza rufipogon

<220>
<223> A089F12 F: one terminus of DNA fragment A089F12.

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<400> 45
 tcgagcagtc cgccggcagc cgacgggttc ggggccggga ccccgagcc cagccctcag 60
 agccaatcct tttcccgaa ttacggatcc gttttgccga cttcccttgc ctacattgtt 120
 ccattggcca gaggtgttc accttggaga cctgatgcgg ttatgagtac gaccgggcgt 180
 ggacgggtact cggtcctccg gattttcaag ggccgcccgg ggcgcaccgg acaccgcgcg 240
 acgtgcggtg ctcttccggc cgctggaccc tacctccggc tgaaccgttt ccaggggttg 300
 cgggccgtta agcagaaaag ataactcttc ccgaggcccc cgccggcgtc tccggacttc 360
 ctaacgtcgc cgtcaaccgc cacgtcccgg ctccgggaaat 400

<210> 46
 <211> 360
 <212> DNA
 <213> Oryza rufipogon

<220>
 <223> A089F12 R: the other terminus of DNA fragment
 A089F12 to A089F12 F.

<400> 46
 tcgaacagcc gactcagaac tggtagcgac aaggggaatc cgactgttta attaaaacaa 60
 agcattgcga tggtcctcgc ggatgctgac gcaatgtgat ttctgcccag tgctctgaat 120
 gtcaaagtga agaaattcaa ccaagcgcg gttaacggcg ggagtaacta tgactctctt 180
 aaggtagcca aatgcctcgt catctaatta gtgacgcgca tgaatggatt aacgagattc 240
 ccactgtccc tgtctactat ccagcgaaac cacagccaag ggaacgggct tggcggaatc 300
 agcggggaaa gaagaccctg ttgagcttga ctctagtccg actttgtgaa atgacttgag 360

<210> 47
 <211> 24
 <212> DNA
 <213> artificial sequence

<220>
 <223> forward primer for amplifying DNA fragment A029B04 F.

<400> 47
 tcgaatttga ccatgagata caga 24

<210> 48
 <211> 24
 <212> DNA
 <213> artificial sequence

<220>
 <223> reverse primer for amplifying DNA fragment A029B04 F.

<400> 48
 aagaaaaaaa tgcttggtga ctga 24

<210> 49
 <211> 24
 <212> DNA
 <213> artificial sequence

<220>
 <223> forward primer for amplifying DNA fragment A029B04 R.

<400> 49
 tcgagctaataa taactagcca agtg 24

<210> 50
 <211> 24
 <212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A029B04 R.

<400> 50

aagtaacatg agaaaaaaaa acat

24

<210> 51

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A028C04 F.

<400> 51

tcgattaaga cagcaggacg gtgg

24

<210> 52

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A028C04 F.

<400> 52

gcaagtgccg ttcacatgga acct

24

<210> 53

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A028C04 R.

<400> 53

tcgagggcgt tgcgcccccg atgc

24

<210> 54

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> reverse primer for amplifying DNA fragment A028C04 R.

<400> 54

ccgtcttgaa acacggacca agga

24

<210> 55

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> forward primer for amplifying DNA fragment A048F12 F.

<400> 55

tcgatgtagt cctcctcgag gccg

24

<210> 56
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> reverse primer for amplifying DNA fragment A048F12 F.

 <400> 56
 caacaaccga gcaatacagt tcaa 24

 <210> 57
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> forward primer for amplifying DNA fragment A048F12 R.

 <400> 57
 tcgagtgggc ggcgtccccc ggcc 24

 <210> 58
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> reverse primer for amplifying DNA fragment A048F12 R.

 <400> 58
 ccggagttca ccatgccccg gggc 24

 <210> 59
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> forward primer for amplifying DNA fragment A049A01 F.

 <400> 59
 tcgaactaac gctaacaacg tgca 24

 <210> 60
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> reverse primer for amplifying DNA fragment A049A01 F.

 <400> 60
 atttggcgca tctgaacact gaac 24

 <210> 61
 <211> 24
 <212> DNA
 <213> artificial sequence

 <220>
 <223> forward primer for amplifying DNA fragment A049A01 R.

<400> 61
tcgagtgcc a tcctcttctc aatg 24

<210> 62
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A049A01 R.

<400> 62
gtttttgttc gttacaatga gaac 24

<210> 63
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A046A06 F.

<400> 63
tcgaactacc gagctccccc taat 24

<210> 64
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A046A06 F.

<400> 64
gtagctgaaa ggcgtaaccg tacc 24

<210> 65
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> forward primer for amplifying DNA fragment A046A06 R.

<400> 65
tcgaacttgt cttccaattt gcgt 24

<210> 66
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer for amplifying DNA fragment A046A06 R.

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<210> 122
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<400> 122
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<210> 123
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<400> 123
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<210> 124
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 <220>
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 <400> 124
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 <210> 126
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 <220>
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 <400> 128
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 <210> 129
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 <210> 134
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<220>
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<210> 137
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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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<220>
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ccggattcac cgtggtacga aagg

24

<210> 147

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<212> DNA

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<223> primer specific to the genome DNA fragment AS28 used in PCR1

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ttccaattac cagacactaa agcg

24

<210> 148

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> primer specific to the genome DNA fragment AS30 used in PCR1

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<210> 149

<211> 24

<212> DNA

<213> artificial sequence

<220>

<223> primer specific to the genome DNA fragment AS4 used in PCR3

<400> 149

gtacggcctg ggtcactcac tgtc

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<210> 150

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<220>

<223> primer specific to the genome DNA fragment AS8 used in PCR3

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<210> 151

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<223> P primer specific to the genome DNA fragment AS19 used in PCR3

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<210> 152

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aactcatctt taatcccagt ttgc 24

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<210> 155
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<220>
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<210> 156
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<220>
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<400> 156
aaatccacac gactctcggc aacg 24

<210> 157
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<220>
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fragment AS4 used in PCR2

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<210> 158
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<212> DNA
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<220>
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 fragment AS4 used in PCR2 (reverse)

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<210> 159
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<220>
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 fragment AS8 used in PCR2

<400> 159
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<210> 160
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<220>
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 fragment AS8 used in PCR2 (reverse)

<400> 160
 acgaggagcc cgacaaggag ac 22

<210> 161
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<220>
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 fragment AS22 used in PCR2

<400> 161
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<210> 162
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 <212> DNA
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<220>
 <223> primer specific to the central portion of the genome DNA
 fragment AS22 used in PCR2 (reverse)

<400> 162
 attatctgtt gtgtccgaaa tgtg 24